

Docket Number: 008312-0308794

PATENT APPLICATION

Client Reference: T7KO-03S1321-1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of

HIROMICHI TAKAMI

Group Art Unit: UNKNOWN

Application No.: TO BE ASSIGNED

Examiner: UNKNOWN

Filed: March 16, 2004

Confirmation No.: UNKNOWN

For: HEAD STOPPER, MAGNETIC DISC APPARATUS, AND IN-VEHICLE ELECTRONIC EQUIPMENT

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
Mail Stop Patent Application  
P. O. Box 1450  
Alexandria, VA 22313-1450

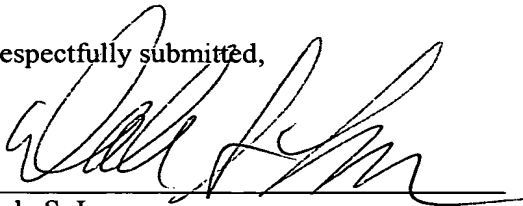
Sir:

Pursuant to 37 CFR 1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom. Applicants respectfully request the Examiner return an initialed copy of the enclosed Form PTO-1449 to Applicants with the next Office communication to indicate that the references has been considered, per MPEP § 609.

This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of the first Office Action on the merits in the present application. No certification or fee is required.

Relevance of the non-English language references are discussed in the present specification and/or in the Background Art Information Sheet and English-language Abstract of the non-English language reference attached hereto.

Respectfully submitted,



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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

1

of

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**Complete if Known**

Application Number	UNKNOWN
Filing Date	03/16/2004
First Named Inventor	HIROMICHI TAKAMI
Art Unit	UNKNOWN
Examiner Name	UNKNOWN
Attorney Docket Number	008312-0308794

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
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**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
	1	JP 6-119726	04/28/1994	ISHIBASHI	Abstract	
	2	JP 2634367	04/25/1997			

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**Translation of the attached sheet (Japanese text portions only)**  
**Background Art Information**

Patent No./Publication	Inventor(s)/Author(s)	Date etc					
<p>Jpn. Pat. Appln. KOKAI Publication No. 6-119726; Published April 28, 1994; "MAGNETIC DISK DRIVE"; Matsushita Electric Industrial Co., Ltd.</p>							
<p>*Concise Explanation</p> <p>This publication discloses that a damper for limiting the movement of a head is generally formed of synthetic rubber or urethane.</p>							
<p>Japanese Patent No. 2634367; Registered April 25, 1997; "LIMIT STOPPER FOR DISK DRIVE MECHANISM, AND ROTARY DISK STORAGE SYSTEM"; Seagate Technology International [transliterated]</p>							
<p>*Concise Explanation</p> <p>This publication discloses that crash stop elements are preferably constructed from a flexible plastic material such as ester-based polyurethane.</p>							
<p>*Concise Explanation</p>							
<p><b>Prior Applications of Inventors or of Kabushiki Kaisha Toshiba (Assignee)</b></p> <table style="width: 100%; border: none;"> <tr> <td style="width: 25%;">Application No.</td> <td style="width: 25%;">Toshiba Reference</td> <td style="width: 15%;">Country</td> <td style="width: 15%;">Agent</td> <td style="width: 20%;">memo</td> </tr> </table>			Application No.	Toshiba Reference	Country	Agent	memo
Application No.	Toshiba Reference	Country	Agent	memo			
<p>Inventor(s)</p> <p>Signature &amp; Date</p>							

<p>Patent engineer's comment on inventor's information or patent engineer's information</p> <p style="font-size: 1.2em;">None</p> <p>*</p>		
<p>Checked by</p>	<p>Dated</p>	
<p>Toshiba Reference</p>	<p>Japanese Agent's Ref</p>	<p>sheet</p>